## . E DT03 Rec'd PCT/PT0 \_1 9 JUL 2004

FORM PTO-1390 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCK ET NILLIMBED												
FORM PIO-1390 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER PD020005												
	Τ	TRANSMITTAL LETTE										
DE	SIC	SNATED/ELECTED OF	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR									
		A FILING UN	10/501820									
			DER 33 0.8.0. 371		-01701020							
		TIONAL APPLICATION NO.	PRIORITY DATE CLAIMED									
PCT/E				25.01.2002								
TITLE OF INVENTION												
PHYSICAL LAYER CIRCUIT AND INTERFACE CIRCUIT												
APPLICANT(S) FOR DO/EO/US												
DIETER HAUPT; KLAUS GAEDKE; SIEGFRIED SCHWEIDLER												
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:												
1.	×	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.										
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.										
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.										
4. '	×	The US has been elected by the expiration of 19 months from the priority date (Article 31).										
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371 (c) (2))										
•		a. is attached hereto (required only if not communicated by the International Bureau).										
		b. 🛮 has been communicated by the International Bureau.										
		c.  is not required, as the application was filed in the United States Receiving Office (RO/US).										
6.		An English language translation of the a. is attached hereto.	te International Application as filed (35 U.S	S.C. 371(c)(2)	).							
		<ul> <li>a.</li></ul>										
7. I	_		ernational Application under PCT Article 1									
		<ul> <li>a.  are attached hereto (required only if not communicated by the International Bureau).</li> <li>b.  have been communicated by the International Bureau.</li> </ul>										
		c. have not been made; howed. A have not been made and w	ever, the time limit for making such amend will not be made.	ments has NO	T expired.							
		An English language translation of th	e amendments to the claims under PCT Ar	ticle 19 (35 U.	S.C. 371(c)(3)).							
		An oath or declaration of the inventor An English language translation of th	r(s) (35 U.S.C. 371 (c)(4)). he annexes to the International Preliminary	Examination F	Report under PCT							
	Aı	rticle 36 (35 U.S.C. 371 (c)(5)).			•							
			t. #									
	13 t	o 20 below concern document(s) or it An Information Disclosure Statement										
14.	Ø		ng. A separate cover sheet in compliance w	ith 37 CFR 3.2	28 and 3.31 is included.							
15.	$oldsymbol{\boxtimes}$	A FIRST preliminary amendment.	***									
16. 17.		A SECOND or SUBSEQUENT prel A substitute specification.	iminary amendment.									
	8	A change of power of attorney and/or	r address letter.									
19.			uence listing in accordance with PCT Rule		5 U.S.C. 1.821 - 1.825.							
		A second copy of the published intern	national application under 35 U.S.C. 154(d	)(4).	9.0.154(4)(4).21							
		Return Postcard Receipt										
		EXPRESS MAIL NO:	EV 543883338 US	DATE OF D	DEPOSIT: July 19, 2004							
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## DT12 Rec'd PCT/PTO 1 9 JUL 2004

U.S. APPLICAT	TION NO. (IF KNOW		ATTORNEY'S DOCKET NUMBER							
24. The	following fees are su	PD020005  CALCULATIONS PTO USE ONLY								
	NAL FEE (37 CFR	CALCULATIONSPIC	OUSE ONLY							
	er international prelim									
		7 CFŘ 1.445(a)(2)) paid to U								
	nternational Search R									
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International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)										
		examination fee (37 CFR 1.48 visions of PCT Article 33(1)	7 -	90.00						
and a										
•										
					6020.00					
6045		PPROPRIATE BASIC FEI		7.00 [7.00	\$920.00					
Surcharge of \$13	priority date (37 CFR	he oath or declaration later that	an monus from the	□ 20 □30						
carrest claimes	priority dute (57 Or it	1.152 (0)).								
CL,	AIMS	NUMBER FILED	NUMBER EXTRA	RATE						
Total claims		8- 20 =	0	X \$18.00						
Independent cla	aims	1-3=	0	X \$86.00						
Multiple Depen	dent Claims (check i	f applicable).								
	-	TOTAL OF A	BOVE CALCULAT	ONS =	\$920.00	,				
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are										
reduced by 1	/2.									
			SUBTO		\$920.00					
		ng the English translation late	er thanmonths from the earlies							
claimed priority	date (37 CFR 1.492 (	I)).		□ 20 □30						
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	***	\$920.00								
Fee for recording	g the enclosed assign	ment (37 CFR 1.21(h)). The a	SSIGNMENT MUST BEACCOMPANI		\$40.00					
		, 3.31) (check if applicable).			340.00					
		TOTAL FEES I	ENCLOSED =		\$960.00	.,				
				<del></del>	Amount to					
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a. □	A check in the amo	unt of	to cover	the above fees is enc	losad					
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b. ⊠										
	Please charge my De	eposit Account No.  I this sheet is enclosed.	07-0832 in the an	nount of	to cover the above	tees.				
					: <u> </u>					
c. ⊠	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-0832 A duplicate copy of this sheet is enclosed.									
	to Deposit : recount									
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fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.										
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NOTE: Where	an appropriate time	limit under 37 CFR 1.494 o	or 1.495 has not been met, a	petition to regive (37	CFR 1.137(a) or (b)) must	be filed and				
	ore the application to				1					
SEND ALL CORRESPONDENCE TO:										
Mr. Joseph S. Tripoli Thomson Licensing Inc. SIGNATURE										
Patent Departr	-			ROBERT B LEVY						
P.O. Box 5312	P.O. Box 5312 NAME									
Princeton, NJ	08543-5312			8234	40.00					
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	DATE									
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